

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"6459881".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 18:53
S2	2007	((directional with coupler\$1) or (sens\$4)) same (repeater\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 08:38
S3	1993	((directional adj coupler\$1) or (sens\$4)) same (repeater\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/12 10:15
S4	1993	((directional adj coupler\$1) or sens\$4) same (repeater\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/12 11:43
S5	162	(((directional adj coupler\$1) or sens\$4) same (repeater\$3)) and "455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/12 11:04
S6	2	"20030071761"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/12 11:04
S7	31	"5179559".URPN.	USPAT	OR	ON	2003/05/12 10:49
S8	1	(((directional adj coupler\$1) or sens\$4) same (repeater\$3)) and (stability adj margine)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/12 11:05
S9	157	(((directional adj coupler\$1) or sens\$4) same (repeater\$3)) and (stability)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/12 11:06
S10	65	(((directional adj coupler\$1) or sens\$4) same (repeater\$3)) and (stability)) and magnitude	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/12 11:07
S11	1806	455/7,9,18,67.1,11.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 11:51
S12	48	(((directional adj coupler\$1) or sens\$4) same (repeater\$3)) and 455/7,9,18,67.1,11.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/12 11:44
S13	15	("4152647"   "4539706"   "4745632"   "4937812"   "5010544"   "5095528"   "5239666"   "5526376"   "5541979"   "5548803"   "5768683"   "6097968"   "6108364"   "6141533"   "6246883").PN.	USPAT	OR	ON	2003/05/12 11:51

## EAST Search History

S14	5	"6141533".URPN.	USPAT	OR	ON	2003/05/12 11:55
S15	11559	(calcul\$6 measurm\$7) same stability	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/12 11:59
S16	32	(calcul\$6 measurm\$7) same (stability adj margin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 11:53
S17	118	(directional with coupler\$) same (repeater\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 10:40
S18	6	455/7,9,18,67.1,11.1.ccls. and ((directional adj coupler\$) same (repeater\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/12 12:11
S19	26	"455"/\$.ccls. and ((directional adj coupler\$) same (repeater\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 10:43
S20	104	(directional adj coupler\$) same (repeater\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/12 12:16
S21	2	"5115514".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/12 12:44
S22	31	"5115514".URPN.	USPAT	OR	ON	2003/05/12 12:40
S23	2	"5835848".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/12 12:45
S24	3	("4383331"   "4475243"   "4952193").PN.	USPAT	OR	ON	2003/05/12 12:45
S25	4	"5835848".URPN.	USPAT	OR	ON	2003/05/12 12:45
S26	6	("4479245"   "4776032"   "5812933"   "5835848"   "6009324"   "6385435").PN.	USPAT	OR	ON	2003/05/12 12:48
S27	909	stability adj margin	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 18:55
S28	48	(stability adj margin) same magnitude	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/18 18:56
S29	5	((directional near2 coupler\$1) or (sens\$4)) same (repeater\$3) and (stability near2 margin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 09:04

## EAST Search History

S30	27	((directional near2 coupler\$1) or (sens\$4)) same (repeater\$3) and ((stability near2 margin)(gain near2 perform\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 09:25
S31	11	("4317217"   "4383331"   "4776032"   "5095528"   "5115514"   "5812933"   "5835848"   "6009324"   "6459881"   "6466766"   "6469984").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/19 08:56
S32	8	("5794153"   "5812933"   "5822312"   "5838671"   "5859838"   "5872776"   "6049535"   "6115368").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/19 08:57
S33	4	"6993287"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 09:04
S34	471	(repeater\$3) and ((stability near2 margin)(gain near2 perform\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 11:52
S35	14	(repeater\$3) same ((stability near2 margin))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 09:25
S36	65	(repeater\$3) same ((stability near2 margin)(gain near2 perform\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 09:35
S37	29	(repeater\$3) and ((stability near2 margin))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 10:02
S38	138	S34 and @ad<"19990611"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:18
S39	305	(repeater\$3) same ((stability ))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 10:02
S40	189	S39 and @ad<"19990611"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 10:03
S41	30	"5835848"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 10:50
S42	2	"5835848".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 11:34

## EAST Search History

S43	2596	455/7,9,18,67.1,11.1,13.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 11:51
S44	7	(repeater\$3) and (stability near2 margin) and S43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 11:52
S45	2	(calcul\$6 measurm\$7) same (stability adj margin) and S43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 11:53
S46	73	(calcul\$6 measurm\$7) same (stability adj margin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 11:54
S47	487	(repeater\$3) and ((stability near2 margin)(gain near2 perform\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:22
S48	101	S47 and @ad<"19990611" and (calcula\$6 measur\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:22
S49	30	(repeater\$3) and (stability near2 margin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:22
S50	2301	(repeater\$3) and (stability)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:30
S51	688	S50 and @ad<"19990611" and (calcula\$6 measur\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:30
S52	6293	455/7,9,11.1,13.1,18,67.11,127.1,127.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:26
S53	16	S51 and S52	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:26
S54	301	(repeater\$3) and (stability same (measur\$7 calcul\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:30

## EAST Search History

S55	94	S54 and @ad<"19990611"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:31
S56	23	("6166850").URPN.	USPAT	OR	ON	2007/03/27 16:12
S57	11	"6009324"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 16:15
S58	2	"6009324".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 16:15
S59	1	1997-457824.NRAN.	DERWENT	OR	ON	2007/03/27 16:16
S60	2	"20040209568"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 16:20
S61	1	2001-451081.NRAN.	DERWENT	OR	ON	2007/03/27 17:21
S62	7	"6816912"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 18:05
S63	4	"9733381"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 10:27
S64	2	"6009324".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 10:28
S65	9	("6009324").URPN.	USPAT	OR	ON	2007/08/08 10:38
S66	905	harmonic near2 variation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 10:39
S67	260	harmonic near2 variation with frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 12:39
S68	2	S67 and (repeater\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 10:40
S69	905	harmonic near2 variation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 10:40

## EAST Search History

S70	5	S69 and (repeater\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:53
S71	112	harmonic near2 variation with frequency and stability	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 10:58
S72	3	"455"/\$.ccls. and S71	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 10:44
S73	3	magnitud\$4 same (harmonic near2 variation) same frequency and stability	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:02
S74	23	magnitud\$4 same (harmonic\$4 near2 variation) and stability	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 11:51
S75	662	magnitud\$4 with (harmonic\$4) and stability	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 12:09
S76	30	S75 and (repeater\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 12:04
S77	266	magnitud\$4 same determin\$4 same (harmonic\$4) and stability	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 12:04
S78	17	S77 and (repeater\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 12:27
S79	3786	magnitud\$4 with (harmonic\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 12:09
S80	556	( magnitud\$4 with (harmonic\$4) ).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 16:05
S81	3786	( magnitud\$4 with (harmonic\$4) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 12:27

## EAST Search History

S82	55	S81 and (repeater\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 12:27
S83	2412	(repeater\$3) and (stability)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 16:03
S84	688	S83 and @ad<"19990611" and (calcula\$6 measur\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 16:03
S85	19	( magnitud\$4 with (harmonic\$4) ) and S84	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 16:16
S86	2	"4562436".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 16:27
S87	1	1986-028087.NRAN.	DERWENT	OR	ON	2007/08/14 16:26
S88	1	"4562436".pn. and (harmon\$4 same (allow\$4 provid\$5 us\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 16:54
S89	2	"6009324".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 17:00
S90	2	"20020173306"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 17:26
S91	2	"6301609".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/14 17:27
S92	2	"20020173306"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 09:19
S93	36	"5835848"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 16:44
S94	318	Bi same Qi	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 16:50
S95	3	("6904266").URPN.	USPAT	OR	ON	2008/02/13 16:56

## EAST Search History

S96	1251	Myer same (Robert Evan)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 17:01
S97	6	Myer same (Robert Evan) and repeater	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 17:01
S98	2282	455/7,9,18,67.1,11.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/16 17:02
S99	2557	(repeater\$3) and ((stability))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/16 17:03
S100	36	S98 and S99	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/16 17:03
S101	6973	455/7,9,11.1,13.1,18,67.11,127.1,127.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/16 17:22
S102	22426	(calcul\$6 measurm\$7) same (stability)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/16 17:23
S103	37	S101 and S102	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/16 17:23
S104	1704	(calcul\$6 measurm\$7) same (stability) same frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/16 17:31
S105	9	S101 and S104	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/16 17:31
S106	350	((directional near2 coupler\$1) or (sens\$4)) same (repeater\$3) and (stability)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/16 17:34
S107	8	455/7,9,11.1,13.1,18,67.11,127.1,127.2.ccls. and S106	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/16 17:34

## EAST Search History

S10 8	0	"55"/\$.ccls. and S106	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/16 17:36
S10 9	37	"455"/\$.ccls. and S106	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/16 17:36
S11 0	10	("6009324").URPN.	USPAT	OR	ON	2008/02/16 17:45
S11 1	26	("6404775").URPN.	USPAT	OR	ON	2008/02/16 18:06
S11 2	642	vendor same procurement	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/17 15:26
S11 3	42	vendor same procurement and provisioning	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/17 15:27
S11 4	1	10/705000	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/17 15:28
S11 5	24	vendor same procurement same invoice same receiv\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/17 15:36